

IN THE CLAIMS:

1. (Currently Amended) A high-level meta-layer ~~software-product~~ computer instructions residing on computer-readable media for integrating the communications within a manufacturing facility comprising:

a graphic user interface generator for generating browser compatible graphic displays based upon uniform language data;

a structured data exchange for ~~providing~~ communicating uniform language data to the graphic user interface generator for display, the structured data exchange including;

a look-up table to enable translating between legacy data and uniform language data; and,

software wrappers for enabling ~~communication~~ communicating of legacy data between the structured data exchange and one or more software servers.

2. (Currently Amended) A ~~The software-product~~ computer instructions residing on computer-readable media according to Claim 1, where the graphic user interface generator is an HTML page generator.

3. (Currently Amended) A ~~The software-product~~ computer instructions residing on computer-readable media according to Claim 1, where the graphic user interface generator is JAVA.

4. (Currently Amended) A ~~The software-product~~ computer instructions residing on computer-readable media according to Claim 1, where the structured data exchange comprises a network infrastructure.

5. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 45, where the network infrastructure comprises one or more software servers.

6. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 56, where at least one of the software servers is operating under UNIX.

7. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 56, where at least one of the software servers is operating under LINUX.

8. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 56, where at least one of the software servers is operating under Windows.

9. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 56, where at least one of the software servers is operating under DOS.

10. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 56, where at least one of the software servers is operating under Macintosh OS.

11. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 56, where at least one of the software servers is CATIA™.

12. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 56, where at least one of the software servers is PARTRAN.

13. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 56, where at least one of the software servers is an Manufacturing Enterprise System.

14. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 56, where at least one of the software servers is a workstation management system.

15. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 6, where at least one of the software servers is AutoCAD™.

16. (Cancelled.)

17. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 6, where at least one of the software servers is Scheduling Software.

18. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 6, where at least one of the software servers is an e-mail server.

19. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 6, where at least one of the software servers is a parts catalogue.

20. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 6, where at least one of the software servers is an assembly procedure library

21. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 6, where at least one of the software servers is a warehouse management program.

22. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 6, where at least one of the software servers is a human resources management program.

23. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 6, where at least one of the software servers is a benefits management software program.

24. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 6, where at least one of the software servers is an internet router.

25. (Currently Amended) ~~A~~The software—product computer instructions residing on computer-readable media according to Claim 6, where at least one of the software servers is an intranet server.

26.-48 (Withdrawn)

49. A system for sharing information incident to manufacturing comprising:
a computer network, itself comprising at least one server;

at least one computer remote to the server and connected to the server computer to allow communication with the server;

a plurality of software servers containing legacy data incident to manufacturing and communicatively connected to the network; and

a software product, itself comprising:

a structured data exchange for communicating uniform language data to a graphic user interface generator for display, the structured data exchange including:

a look-up table to enable translating between legacy data and uniform language data;

wrappers for communication between each of the software servers and a structured data exchange; and

a the graphic user interface generator for displaying information uniform language data from the structured data exchange.

50. (Currently Amended) AThe system according to Claim 49, where the graphic user interface generator is an HTML page generator.

51. (Currently Amended) AThe system according to Claim 49, where the graphic user interface generator is JAVA.

52. (Currently Amended) AThe system according to Claim 49, where at least one of the software servers is operating under UNIX.

53. (Currently Amended) AThe system according to Claim 49, where at least one of the software servers is operating under LINUXLINUX.

54. (Currently Amended) AThe system according to Claim 49, where at least one of the software servers is operating under Windows.

55. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is operating under DOS.

56. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is operating under Macintosh OS.

57. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is CATIA™.

58. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is PARTRAN.

59. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is an Manufacturing Enterprise System.

60. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is a workstation management system.

61. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is AutoCAD™.

62. (Cancelled.)

63. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is Scheduling Software.

64. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is an e-mail server.

65. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is a parts catalogue.

66. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is an assembly procedure library

67. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is a warehouse management program.

68. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is a human resources management program.

69. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is a benefits management software program.

70. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is an internet router.

71. (Currently Amended) ~~A~~The system according to Claim 49, where at least one of the software servers is an intranet server.

72.-75 (Withdrawn)